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Statistics of bounded processes driven by Poisson white noise

S.I. Denisov, Yu.S. Bystrik

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- New class of bounded processes induced by Poisson white noise is introduced
- Kolmogorov-Feller equation for the probability density of these processes is derived
- General representation of the stationary probability density is found
- Stationary Kolmogorov-Feller equation is solved in two particular cases
- Analytical findings are validated by numerical simulations

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